

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPDL SI, Troutdale OR

Project No./Task No.: 53F0074212.02

Date: 9/13/07

Samples Collected/Requested Analyses:

US-003 = discrete from 94 BH4A bucket (+MS/MSD)

US-004 - ~~discrete~~ ^{1st} Composite (+duplicate US-304)

(+instate US-603)

Analyses: SVCS, Pesticides, PCBs, metals,
explosives, agents breakdown products

Field Audit Results/Government Personnel Instructions:

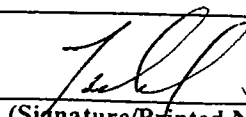
none

Problems Encountered/Corrective Actions Taken:

- Andy Zabel drove to Fort Lewis to borrow QED bladder pump controller from another USACE project
- He also picked up additional sample containers from Sound Analytical

By

(Signature/Printed Name)

 Janette Rau

Title

URS PM

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: USACE Former NPD Lab SI Troutdale OR
Project No./Task No.: 53F0074212.02

Date	9/14/01						
Day	S	M	T	W	TH	F	S

Weather	Bright Sun	Clear	Overcast	Rain	Snow
Temp	70-85	32-50	50-70	70-85	85 up
Wind	Still	Mod.	High	Report No.	
Humidity	Dry	Mod.	Humid		

Subcontractors on Site:

URS: Janette Rawn, Andy Zabel, Steve Wesley

Equipment on Site:

None

Description of Work Performed:

Begin groundwater sampling

Finish kimatilla soil sampling (US-005 composite)

Collect surface soil samples along N. toe of landfill (SS-22 through SS-25)

Collect concrete sample from staged drums and inventory drums/debris

Collect sediment sample from concrete sump

Attached Forms:

field notes (3)

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab ST, Troutdale, OR

Project No./Task No.: 53FOOT4212.02

Date: 9/14/01

Samples Collected/Requested Analyses:

SOIL, SEDIMENT, CONCRETE:

SS-022-01

SS-023-01 + duplicate SS-323-01

SS-024-01

SS-025-01

N toe of
landfill

(+ rinse blank 623-01
for VOCs/cyanide only)

DC-001 + duplicate DC-301 + MS/MSD

US-005

SD-001 + duplicate SD-301 + MS/MSD

concrete

Umatilla soil composite (7 buckets)

sediment

GROUNDWATER:

MW-001 + MS/MSD

MC-005

MC-004

MC-003

MC-001

Analyses for all samples:

VOCs, SVOCs, Pest/PCBs, metals

+ strontium/uranium,
cyanide

except: US-005: no VOCs, cyanide

SD-001, -301: add oil/grease

Field Audit Results/Government Personnel Instructions:

Add oil/grease analysis to sediment samples

Problems Encountered/Corrective Actions Taken:

Air hose fitting required repair due to incompatibility.

Wells could not be decommissioned due to delays

resulting from lack of QED pump controller (because of restrictions of air travel, it could not be delivered)

Samples of fill material from landfill effervesced when added to sodium bisulfate preservative for VOCs.

By

Janelle Rau
(Signature/Printed Name)

Title

URS AM

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: USACE Former NPD Lab Site Troutdale OR Project No./Task No.: 53F0074212, 02

Date	9/15/01						
Day	S	M	T	W	TH	F	S
Weather	Bright Sun	Clear	Overcast	Rain	Snow		
Temp	To 32	32-50	50-70	70-85	85 up		
Wind	Still	Mod.	High	Report No.			
Humidity	Dry	Mod.	Humid				

Subcontractors on Site:

URS - Janette Rau & Steve Wesley

Equipment on Site:

none

Description of Work Performed:

Finish groundwater sampling

collect round of water levels

label & close up drums of IDW:

1 soil, 2 water (all from multiple locations)

Attached Forms:

Field notes (3)

chain of custody

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: USACE Former NPD Lab SI, Troutdale, OR

Project No./Task No.: 53F0074212.02

Date: 9/15/01

Samples Collected/Requested Analyses:

MC-002 + MC-302 (duplicate) + MC-602 (rinse
MW-002
MW-006
MW-005
blank

Analyses: VOCs, SVOCs, Pesticides, PCBs, metals
plus strontium & uranium, cyanide

Field Audit Results/Government Personnel Instructions:

Problems Encountered/Corrective Actions Taken:

- Wells MW-3 and MW-4 not sampled
due to presence of thick grass plug
- Wells MW-5 and MW-6 had grass in
well, but not as much as other 2 above
(these were sampled)

By

Janette Rau
(Signature/Printed Name)

Title

URS PM

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab Site
Investigation, Troutdale, OR

Project No.: 53F0074212

Date	January 8, 2002						
Day	S	M	T	W	TH	F	S

Weather	Bright Sun	Clear	<u>Mostly Cloudy</u>	Rain	Snow
Temp			50F		
Wind	Still	<u>Mod.</u>	High	Report No. 010802	
Humidity	Dry	Mod.	<u>Humid</u>		

Personnel and Visitors on Site (List names and affiliations):

URS Personnel: Janette Rau

USACE Seattle District: none

USACE Portland District: none

Equipment on Site:

URS: personal vehicle (rental)

Work Performed Today (Include tasks performed and progress/delays):

- 1230 Janette Rau (URS) arrives at landfill site. Purpose of site visit today is to collect product samples from small containers uncovered in September 2001 and staged in the landfill area.
- 1300 Segregated containers into 2 groups:
- Paint: 4 glass, ~8-oz, tall, wide-mouth jars containing white and/or orange, paint or grease-like, generally solid or viscous material. The material in 2 of the 4 jars is totally solid and unable to be sampled. The color and consistency of the sample was similar to liquid caramel. A limited volume of material was available for the sample; none leftover after completion of sampling.
- Oil: 4 containers of black, oil-like, liquid material (1 is glass, ~8-oz, tall, wide-mouth jar, 3 are plastic, ~8-oz to ~12-oz each). Material was free-flowing (i.e. not viscous), with sheen and globules. None leftover after completion of sampling.
- 1315 Collect VOCs and composite sample of paint material (PD-001). Used clean stainless steel spoons and bowls; 2 VOAs filled first, then material composited and placed into remaining 8-oz sample jar.
- 1340 Collect VOCs and composite sample of oil material (PD-002), and duplicate (PD-302) (time labeled 1350) using same technique as for PD-001.
- 1430 Depart site for laboratory (STL) in Fife, WA for delivery of samples.

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab Site Investigation

Project No./Task No.: 53F0074212

Date: January 8, 2002

Safety:

No safety infractions occurred.

Attached Forms:

Chain of Custody and Cooler Receipt Form sent as PDF (separate file) with this electronic DCQCR.

Laboratory Data -

Samples Collected (Field and QA)/Requested Analyses/Contracted Laboratory:

Product samples PD-001, PD-002, and PD-302 (duplicate of PD-001) were collected today for the following analyses:

VOCs, SVOCs, Pesticides, PCBs, TAL metals plus Sr and U, Total Cyanide, Flash, Corrosivity, Reactive Sulfide, and Reactive Cyanide.

Samples were hand-delivered to STL in Fife, WA today.

Field Audit Results/Problems Encountered/Corrective Actions Taken:

No problems encountered.

Instructions to Contractors (Include names, reactions, and remarks):

No subcontractors on site.

By Janette Rau
(Signature/Printed Name)

Title Project Manager

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab SI,
Troutdale, OR

Project No.: 53F0074212

Date	February 12, 2002						
Day	S	M	T	W	TH	F	S

Weather	Bright Sun	Clear	<u>Mostly Cloudy</u>	Rain	Snow
Temp		40F			
Wind	Still	Mod.	<u>High</u>	Report No.	
Humidity	Dry	<u>Mod.</u>	Humid		

Personnel and Visitors on Site (List names and affiliations):

USACE personnel: none

URS personnel: Janette Rau, Larry Namba

Envirotech personnel: Don Hunt and Scott ?

Equipment on Site:

URS: company vehicle

Work Performed Today (Include tasks performed and progress/delays):

1330 URS personnel arrived on site. Picked up sample containers and equipment enroute from Seattle. Spoke briefly with City of Troutdale employee at sewage treatment plant regarding access to MW-4. Construction is complete, plant is operating, and fence is installed around perimeter. Well is located outside fence but for ease of access URS parked field vehicle inside fence and moved equipment beneath it.

Calibrated water quality meter and set up equipment at well. Water level at 7.48 ft btoc, which is about 5 ft higher than measurement collected in September 2001. Water level indicator caught up on partial obstruction at approx. 12 ft btoc, but no grass or other debris was observed on probe when extracted.

1345 Personnel from Envirotech arrived at site to view debris and drums to be disposed of tomorrow. J. Rau showed them material then they soon departed.

1515 Collected sample MW-004 from monitoring well using bladder pump.

1630 Completed sampling and decon; departed site.

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab SI, Troutdale, OR

Project No./Task No.: 53F0074212

Date: February 12, 2001

Safety (Include any infractions of approved safety plan or instructions from Government personnel. Specify corrective action taken):

No safety infractions occurred.

Samples Collected (Field and QA)/Requested Analyses/Laboratories Performing Work:

Collected water sample MW-004 for the following analyses: VOCs, SVOCs, Pesticides, PCBs, total cyanide, total metals (TAL + Sr and U), dissolved metals (TAL + Sr and U)

No samples were shipped to off site today.

Field Audit Results/Problems Encountered/Corrective Actions Taken:

No problems encountered.

Instructions to Contractors (Include names, reactions, and remarks):

None

Anticipated Work Tomorrow:

Sample MW-3 (with duplicate); supervise Envirotech (disposal contractor) with removal of debris and IDW; complete work and depart for Seattle; drop samples at STL if time permits.

By Janette Rau

(Signature/Printed Name)

Title Project Manager

DAILY CHEMICAL QUALITY CONTROL REPORT

Project Name: Former NPD Lab SI, Troutdale, OR
Project No.: 53F0074212

Date	February 13, 2002						
Day	S	M	T	W	TH	F	S

Weather	Bright Sun	Clear	Mostly Cloudy	Rain	Snow
Temp		40F			
Wind	Still	Mod.	High	Report No.	
Humidity	Dry	Mod.	Humid		

Personnel and Visitors on Site (List names and affiliations):

USACE personnel: none

URS personnel: Janette Rau, Larry Namba

Envirotech personnel: Don Hunt and Scott Lyndsay

Equipment on Site:

URS: company vehicle

Envirotech: Bobcat rental, box truck, 20-yard rolloff truck

Work Performed Today (Include tasks performed and progress/delays):

0740 URS personnel arrived on site. Envirotech personnel already on site. Unlocked landfill gate and hazardous waste storage building so they could access material to be disposed of today.

Calibrated water quality meter and set up equipment at monitoring well MW-3. Water level at 5.52 ft btoc, which is about 5 ft higher than measurement collected in September 2001. Water level indicator caught up on obstruction (grass plug?) at 10 ½ feet btoc, and small amount of grass was observed on probe when extracted. We were unable to break through plug even with very stiff tubing. Set pump at 9 feet btoc which is 1 ½ feet above plug and 3 ½ feet below water table.

0830 Begin purging MW-3. Envirotech has loaded one 55-gal drum of soil cuttings and two 55-gal drums of IDW purge water into box truck. They are using Bobcat to load concrete drums and other landfill debris and plastic 5-gallon buckets of Umatilla soil into rolloff container.

0915 Collected sample MW-003 and duplicate MW-303 (time = 1100) from monitoring well using bladder pump.

1030 Completed sampling. Purge water collected from MW-3 and MW-4 was contained in 30-gallon drum. Envirotech loaded this drum into box truck.

1130 URS completed cleaning up near MW-3 and Envirotech completed disposal work. J. Rau signed disposal-related paperwork.

1045 Locked gate and building; all personnel departed site.

1515 Dropped off samples at STL enroute to Seattle.